

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/001,873

DATE: 12/20/2001

TIME: 09:26:55

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\12202001\J001873.raw

3 <110> APPLICANT: Macina, Roberto
 4 Recipon, Herve
 5 Chen, Sei-Yu
 6 Sun, Yongming
 7 Liu, Chenghua
 8 Turner, Leah

10 <120> TITLE OF INVENTION: Compositions and Methods Relating to Lung Specific Genes and Proteins

12 <130> FILE REFERENCE: DEX-0275

C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/001,873

C--> 14 <141> CURRENT FILING DATE: 2001-11-20

14 <150> PRIOR APPLICATION NUMBER: 60/252,055

15 <151> PRIOR FILING DATE: 2000-11-20

17 <150> PRIOR APPLICATION NUMBER: 60/252,496

18 <151> PRIOR FILING DATE: 2000-11-22

21 <160> NUMBER OF SEQ ID NOS: 55

23 <170> SOFTWARE: PatentIn version 3.1

25 <210> SEQ ID NO: 1

26 <211> LENGTH: 1557

27 <212> TYPE: DNA

28 <213> ORGANISM: Homo sapien

30 <400> SEQUENCE: 1

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35	ccgcaacctt	cgctctccga	ggttcaagt	aatctcctcc	tgtgcctaag	cgctccgtga	180
37	agttagcgtg	ggattcacga	ggccaccgtg	cccaccagtg	cctcagctat	ttttttaaaa	240
39	aattatttta	agatagaaga	cacgaggggt	tctcgccaat	gttgtggccg	aggcttagtc	300
41	tctctcgaac	acctcctgta	cacctctcga	ggtgtgacac	tcgtcgccgt	cgctctcag	360
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53	atatctcgcc	ggcctctccc	accaagaatt	ctccccaa	acacaacaat	tttcagaaac	720
55	ccacaacggt	gggtaaaaca	cagaacaata	gaacaactca	aaaaacaaca	acaatacacc	780
57	acaaaaaaaa	aaaaaacaca	aacaacagca	aaataccaac	aaactaacct	aaaaccacac	840
59	cataatcaaa	atattaacaa	aaaaaaacat	actcaacaca	aataccaaaa	cacacacaca	900
61	gaatcatata	ccaccaatat	aatatataca	taaaataaaa	ctatccacac	aaaaaccaat	960
63	taatacataa	aataatttaa	tcatcaataa	taacatctac	agacaaaaat	gcctacctca	1020
65	caaatcaaaa	taaaaaacac	aattaaactac	aaactaaaac	actaactaag	caacaaaaat	1080
67	aaataacaaa	aaataactac	aaaaatcaaa	acaataagaa	cgaacacaa	aacactaaaa	1140
69	atcaaacaca	aataaagaca	aaacaaaaca	atcaaaaaca	caaaaacaaa	acaacaacac	1200
71	acaaaccaa	cacaaaaaca	caactaacaa	ctcaaaaacta	actaaaaaca	caacaaaaaca	1260
73	caacaaaaac	aaaaaaataa	gaaataaaat	acatcaataa	aaaaacatga	gcaatccaaa	1320
75	catgtataat	atacaccaga	acaatattac	acaaaactta	acatataaac	taaacaacaa	1380
77	caaaaaacat	aataatagac	acactaacaa	cccatcaagc	cacaaacaag	cacaaacaaa	1440
79	agagacaaac	caacaactac	catcaacaaa	caaaaaagca	caactaaaa	aataaaaatta	1500
81	ataaaacata	atactcttca	tctctctaaa	aaatctctat	attcaccac	ccacacg	1557

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Input Set : A:\PTO.AMC.txt

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87 <213> ORGANISM: Homo sapien

89 <220> FEATURE:

90 <221> NAME/KEY: misc_feature

91 <222> LOCATION: (277)..(277) /

92 <223> OTHER INFORMATION: a, c, g or t

95 <400> SEQUENCE: 2

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100 taaaacctcc aactctcttt gtgccctct atagccacat tatgccactc tgtgctctcg      180
102 gcccacacac tgtgtcgtcc cgggtccttt gaagaggag tgcagcgaca aaaagcttgt      240
WE 104 gcgcggtagt ccactctcat gtgggtcgta tatatgncag ttgtgtctcc gcgtgtgtgt      300
106 gtgtacacat gtgtgtgtat atctctcggt cgctcacaca tatatctcac acacacacaa      360
108 caccatatat agctgttaaa caaacgagca catcaaaaaa aaaataagag cagtggaaag      420
110 acgacagcgg gaacgtaaac aataaagaat aaccatattt caactagctt actatcacta      480
112 tacataccac actaccattt gtaaaatgca tattcacatc agttcaaact actactacaa      540
114 cacatcacaa aacatatcta tcactacatc catacacaa gtaaaccacaa ctacactctt      600
116 caacaccggt cacactatcc aactccaatc tcacgtaact acaataaact aaaaaaaaaa      660
118 aacctctctc totacaaatc actccctcac ttcatctctt tctaacatcc aattcaatat      720
120 ccccccaaaa cgctactatt atcctctacc aacacatccc acacagcctg ccaccttcct      780
122 ccactaacctc acttcatcta cctcatctct cattccacat cccatccaat cactcctgca      840
124 ttctaccaat gtccactact cacacacatc acaacttagt ttccaccgac gacctctaac      900
126 cattctcccc taactttctc ttctacccat ctctctaata catgcaatgc agctctcact      960
128 ctatatcaca taccctcag ctattcctac ctataactaa tcaaaccacc atcacactca      1020
130 caacctcaag taccatcttc acatcatcga caccocatat cactcaccaa caactatatc      1080
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138 catccacct tactactcaa caatactaata catcatgtcc tacaagaatc aacatacgaa      1320
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142 agcctaccct cctctactt atctgtgcta ctttctctct aacatacaac acatacccca      1440
144 cacaacatc acgaatcgat caacttccca acaacgcgtc atatatcact catctctcac      1500
146 tgctctcgta acgatactca accatccaca aacttaata cactaatcac ctctacaca      1560
148 gtcattcgct aacagctaac ttcatctat catcaactca cctcaatcac ataacatagc      1620
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154 acatcaaata ttctatcgcc agtattcaga cattaactac actaacagca ctacacctaa      1800
156 caccgaaact cactctgacc tcactgtcga cactactatc acctctcacc accactatcg      1860
158 ctgccactcg ctcaactgta ctgcgtccact ctactcgata ctctctctta agaaacctct      1920
160 cactccatac acacacctct cccattcatc catcaaattc taactctgat ctgcaccct      1980
162 cccactcct cctctactct cgcccgatcc cttaccatac gactctcact actcgatcac      2040
164 actactacac tactaccgtc acttgcttcc tccacctatc tcacatcaac cattcagctc      2100
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169 <210> SEQ ID NO: 3

170 <211> LENGTH: 575

171 <212> TYPE: DNA

172 <213> ORGANISM: Homo sapien

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179 cacactagcc aatcctctca cacttgttct ggtttcagac gtgtccaggt cggacgtaga      180
181 gaagggcttc ggagatctct agtatctttg cacacaattc aggggtgctgt tcctcctaca      240
183 ccttgcaacgc acgctgtctc tgtgcagtgc tcgggtgcag agccgaacga gcagtcgtgt      300
185 gactctagcc agggtatgag gtataggcag ttaagcaggg atcgagttac gcacatacta      360
187 ctgtgccatg tgaattagta gggcctacct aagcatagtg caggagcact ggtgtcaagc      420
189 taacacatag attcctgggc gacatacttg gtccattcat gcaagacaag gttgtcttgt      480
191 cgagtagatt tgcataatac cgcagcagta gatgcgggac aaactgactc tgcacaagtt      540
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208 cacacacaca cacacacaca aagaacctct atctctcgta gggccctctc tctcagcaac      240
210 cagatgaaga acgctcgtgg catcactacc ccttctctc tctcctctct ctcctttcac      300
212 tttcgtggga tcagggggaa actgtgctcg tgggagggca gggagggtgg aaaaacgcca      360
214 cagcgagaga gggagagata gtggagacgc cgaagatgac atcatgtatt taagcgaggg      420
216 aagacatcta tgaagtcgat agtgtgatta ccacactctt tccccaatac tatagagggt      480
218 caaaagagc gggggcagta actcgggtgg tcataggcgt gtctcgctcg tgtgatgaag      540
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224 <211> LENGTH: 786
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233 tctatagtat tggggaaaga gtgtggtaat cacactatcg acttcataga tgtcttccct      180
235 cgcttaaata catgatgtca tcttcggcgt ctccactatc tctccctctc tcgctgtggc      240
237 gtttttccac cctccctgcc ctcccacgag cacagtttcc ccctgatecc acgaaagtga      300
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249 ttgtattttt agtagagaca gggtttcgcc atgttggtta ggctgctctc gaacttctga      660
251 cctcaggtga tccaccacc tcagcctccc aaagtgcagg tattacaggc gttacacttg      720
253 cgcccagcct ctttgttctt atacattaaa ttttcatgga ccgtctggag attgagaaca      780
255 cagcag                                     786
258 <210> SEQ ID NO: 6
259 <211> LENGTH: 1002
260 <212> TYPE: DNA
261 <213> ORGANISM: Homo sapien

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268 tggtttaaag gtggacaaag ccaaaaacttt tttttttcac cacattggaa cggggcccaa      180
270 attccccttg tggggttacc ccagggaatt ccacggttca tcaaagggac ccatttcaaa      240
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274 cattcatccc ccaaggtttc ccggcgaaaa ggagtgcctg aggggtgcctg ggggcaagaa      360
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290 gagcgtctgg ggccagaaca acttgcgtgg taaccctttg ggagggcgcg gacgcttggt      840
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294 cctcttttct gaaaaacaac ggggggggtc tgcttctccg gcgtccccag gacgcggcgg      960
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309 cagcaaagga gatctgcgcc gagtggccgt aggcctgtgt gttaggacct ttggagaagc      180
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313 gcttatccgg ctcatcaatt tgccagcaac agtgcacta gctcacgcag gtcgcgattt      300
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317 cggtagatcc catatgtcac atcctaggat cataaccatg cgcgagtgga agacgcaatt      420
319 cctgaatgtc aaatttactc tagacagatt gcagagatga cgacatatat tgagggtaat      480
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323 gggtaaaaac aaatgttcga tccacactta atcttgggtg cgaaagtaag gtagaagaac      600
325 aaagcatatt accatataga gttagttagg taggtcaccc atcatttgac aaggaccaga      660
327 caaaaacacc gtgtgtttga cacaacctta tgtaggaata gagattttac acagagagga      720
329 ataatcgata aatatagaaa ttacaaacat gatataagga taccaacttt gaggacaggc      780
331 ctaatataag ggtttggcca cacatcattc gttcagcaaa taaaacccca gagatgtggc      840
333 accataaaga tccccactag ggggatccaa gaagaagacg cgaattttta acttgacccc      900
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337 aatcatatag ggagtatctg ttcacacgag agatgtgatc ccagtatcgg gaagacccaa      1020
339 aatagagtag ggaagacac taagtacagc cagataatat atgaattggt taaaaggata      1080
341 agggaatgat accaaaagct atcccactat catagtaaag cccatggagt aggaaaaccc      1140
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345 cagggaccca cacacgggac aattagctaa aggggaagtcc ctaggtgaca aaaagggcag      1260
347 cacggagcaa cataagcagg aaaacaacaa taacgtggga cacaaggctg gctcaaagca      1320
349 aaaccaggac cgggcaacaa aacgccacaa gaactcccac cgcgtggcaa actagtcaaa      1380
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354 <210> SEQ ID NO: 8
355 <211> LENGTH: 469

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364 gcaagcattt tgggaggcag aggcagaggg aggatcactt gagcccagga gcttcaagat      180
366 gagcttgggc aacatagtaa gatgtcgtct caaaaaaaca acaaaaaaat agccagtggg      240
368 gacacatacc tgtagtctta gtcacttgag ggactgagac agaaggattg cttgagccca      300
370 gaaggttgag gctgcagtga gccatgactg tgccactgca ctccagctta ggtgacagtg      360
372 aaaccttgcc tcagaaaaaa aaaaaaaaaa aaaaaaaaaa aaaagtttgg gtaactggat      420
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380 <213> ORGANISM: Homo sapien
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387 gcaatcgaaa aatgaacca aacatagact tgcaagacat ggcctgtatg agaagaaaaa      180
389 gacctacaag caaagctaac gaagaggaac gcaagaacag aatgagagaa atgtcagtgg      240
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409 <211> LENGTH: 1788
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411 <213> ORGANISM: Homo sapien
413 <220> FEATURE:
414 <221> NAME/KEY: misc_feature
415 <222> LOCATION: (1640)..(1640)
416 <223> OTHER INFORMATION: a, c, g or t
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442 accccagtgc tgtgtagtgt gaagagggcg acattatcta gtgagtgtgg gcacatttta      720

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Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

VERIFICATION SUMMARY

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Input Set : A:\PTO.AMC.txt

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L:14 M:270 C: Current Application Number differs, Replaced Current Application No
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:474 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:569 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:664 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:892 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:937 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:943 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21